



448872

Executive Summary

The former Pullman sewage farm, located at 130th St. and Indiana Ave., was utilized from 1881 until the 1920's to dispose of municipal and industrial sewage sludge. 211 million gallons of waste was transferred to the farm in 1882 with steadily increasing volumes until 1892 when 698 million gallons were handled. The waste consisted of both municipal sewage from the town of Pullman along with waste from the shops of the Pullman rail car manufactory.

As early as 1886 there existed a ditch used to conduct untreated sewage to Lake Calumet when volumes exceeded the farms capacity. No waste stream information is available on the Pullman waste but considering the diversity of the Pullman shops nearly every industrial process waste generated in the late 19th century should be suspected. Colten in his 1985 study for IL Dept of Energy & Natural Resources presumes that, in addition to the Pullman waste, liquid waste from Sherwin-Williams was handled by the Pullman system prior to November, 1924. The Sherwin-Williams waste is known to have contained Sulfuric acid, Arsenic, Copper, Lead, Zinc, Chromium Iron and Sodium Sulfite.

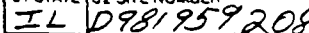
Releases from the Pullman farm to surface water is historically confirmed but without adequate waste information. Releases to groundwater are suspected from the farm. Groundwater contamination at Maryland Manor and Beaubien Woods have been confirmed but no information can be found as to the source typing directly to the Pullman Farm site.

A medium priority for inspection has been assigned to this site. There exist no current identified targets for groundwater and only a limited recreational value for surface water. At such time as the HRS is revised this site may benefit from reconsideration.

RL:kh/p

310000000 = Cook
Superfund/HRS

EPA		POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT		I. IDENTIFICATION	
II. SITE NAME AND LOCATION		01 SITE NAME (Legal, common, or descriptive name of site) <i>Old Pullman Sewage Farm (AKA - Chicago Housing - Altgeld Gardens)</i>			
02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER <i>130th St & Indiana Ave</i>		03 CITY <i>Chicago</i>		04 STATE <i>IL</i>	05 ZIP CODE <i>60631</i>
06 COORDINATES		07 COUNTY <i>Cook</i>		08 COUNTY CODE <i>031</i>	09 CONG DIST <i>031</i>
LATITUDE <i>41 39 28.0</i>		LONGITUDE <i>87 35 46.0</i>		Lake Calumet 7.5' Quad. (55-A)	
10 DIRECTIONS TO SITE (Starting from nearest public road) <i>See Attached Maps; Site consist of 140 acres bounded by 130th St on North & Indiana Ave on West</i>					
III. RESPONSIBLE PARTIES					
01 OWNER (if known) <i>Chicago Housing Auth.</i>		02 STREET (Business, mailing, residential)			
03 CITY <i>Chicago</i>		04 STATE <i>IL</i>		05 ZIP CODE <i>()</i>	
06 TELEPHONE NUMBER <i>()</i>		07 OPERATOR (if known and different from owner) <i>Unknown</i>			
08 STREET (Business, mailing, residential)		09 CITY <i>Unknown</i>		10 STATE <i>()</i>	
11 ZIP CODE <i>()</i>		12 TELEPHONE NUMBER <i>()</i>		13 TYPE OF OWNERSHIP (Check one)	
<input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name)		<input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input checked="" type="checkbox"/> E. MUNICIPAL		<input type="checkbox"/> F. OTHER: _____ (Specify)	
<input type="checkbox"/> G. UNKNOWN		14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)			
<input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR		<input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 (2)) DATE RECEIVED: _____ MONTH DAY YEAR		<input checked="" type="checkbox"/> C. NONE	
IV. CHARACTERIZATION OF POTENTIAL HAZARD					
01 ON SITE INSPECTION		BY (Check all that apply)			
<input type="checkbox"/> YES DATE _____ MONTH DAY YEAR		<input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR			
<input checked="" type="checkbox"/> NO		<input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)			
CONTRACTOR NAME(S): _____		02 SITE STATUS (Check one)			
<input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED <i>Heavy Metals (Toxic/Persistent) Sludge</i> <i>Other Organics (Persistent/Toxic)</i>		05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION <i>Ground Water (Population/Environment)</i> <i>Surface Water (Environment)</i>			
V. PRIORITY ASSESSMENT					
01 PRIORITY FOR INSPECTION (Check one. If higher medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)					
<input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)					
VI. INFORMATION AVAILABLE FROM					
01 CONTACT <i>Richard Lange</i>		02 OF (Agency/Organization) <i>IL EPA</i>		03 TELEPHONE NUMBER <i>DLPC/RPMS</i>	
04 PERSON RESPONSIBLE FOR ASSESSMENT <i>Richard Lange</i>		05 AGENCY <i>IL EPA</i>		06 ORGANIZATION <i>DLPC/RPMS</i>	
07 TELEPHONE NUMBER <i>1271782-6761</i>		08 DATE <i>07.20.87</i>		MONTH DAY YEAR	



I HIGHLY VOLATILE
J EXPLOSIVE
K REACTIVE
L INCOMPATIBLE
M NOT APPLICABLE

EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL D 981959208

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) POTENTIAL ☒ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 230 04 NARRATIVE DESCRIPTION also
9 private wells in the area have been abandoned in the immediate area
several wells @ Forest Preserve have been removed from service.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) POTENTIAL ☒ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: NA 04 NARRATIVE DESCRIPTION

Surface drainage from site is toward Calumet River which is
adjacent to the site on the west and within 1 block on the South
East discharge from site was to Lake Calumet

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE _____) POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE _____) POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE _____) POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE _____) POTENTIAL ☒ ALLEGED
03 AREA POTENTIALLY AFFECTED: 140 04 NARRATIVE DESCRIPTION
(ACRES)

the site was used for landfarm disposal of municipal and
industrial sewage from 1881 until the 1920's

01 ☐ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE _____) POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE _____) POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL 0981959208

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include names of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Seals ruptured, leaking, spills, floating drums)

03 POPULATION POTENTIALLY AFFECTED: Udt

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☒ ALLEGED

04 NARRATIVE DESCRIPTION

See A+B above

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 230

IV. COMMENTS

V. SOURCES OF INFORMATION (List specific references, e.g., state files, sample analysis reports)